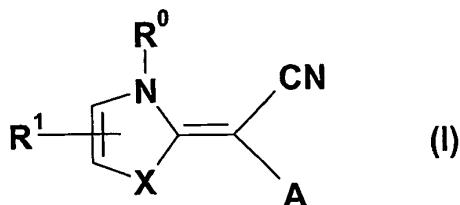


Claims

1. Azole derivatives according to formula (I)



as well as its tautomers, its geometrical isomers, its optically active forms as enantiomers, diastereomers and its racemate forms, as well as pharmaceutically acceptable salts thereof, wherein

X is O, S or NR⁰;

A is a 2-pyridyl, 3-pyridyl, 4-pyridyl, a pyridazinyl, a pyrimidinyl, a pyrazinyl or a triazinyl group wherein each group may be substituted with 1, 2 or 3 moieties R² and/or fused with an aryl or a heteroaryl group;

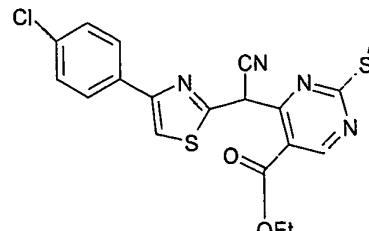
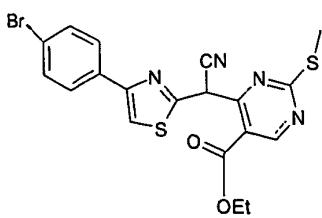
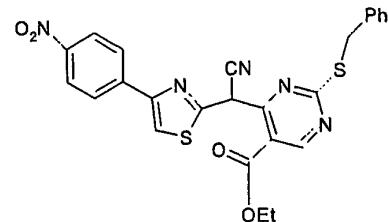
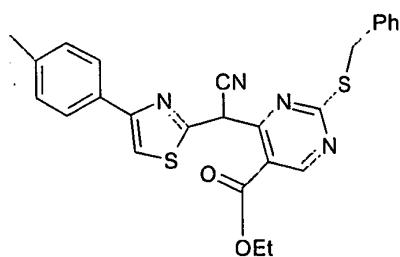
R⁰ is selected from the group comprising or consisting of hydrogen, C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₁-C₆-alkyl-aryl, aryl or heteroaryl, C₁-C₆-alkyl-heteroaryl, -C(O)-OR⁵, -C(O)-R⁵, -C(O)-NR⁵R^{5'}, -(SO₂)R⁵, with R⁵ and R^{5'} being independently selected from the group comprising or consisting of hydrogen, C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, aryl, heteroaryl, C₁-C₆-alkyl aryl, or C₁-C₆-alkyl heteroaryl;

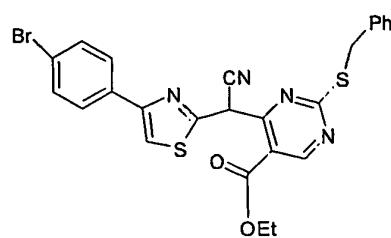
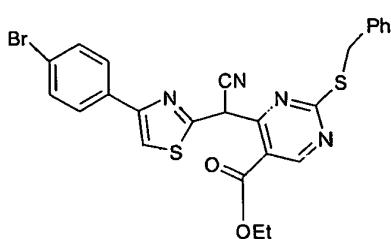
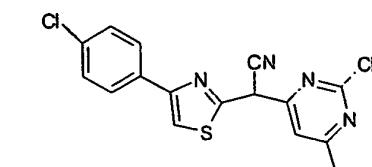
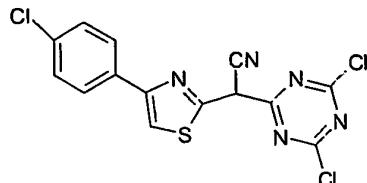
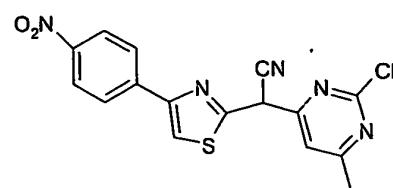
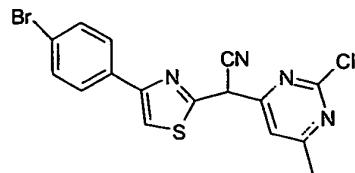
R¹ is selected from the group comprising or consisting of hydrogen, C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₁-C₆-alkoxy, C₁-C₆-sulfanyl, primary, secondary or tertiary amino groups, aminoacyl, aminocarbonyl, C₁-C₆ alkoxy carbonyl, C₃-C₈-cycloalkyl, C₃-C₈ heterocycloalkyl, aryl, heteroaryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfinyl, sulfonyl, sulfonamide or hydrazide;

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R^2 is selected from the group comprising or consisting of hydrogen, sulfonyl, amino, C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, wherein said alkyl, alkenyl, alkynyl chains may be interrupted by a heteroatom selected from N, O or S, aryl, heteroaryl, saturated or unsaturated 3-8-membered cycloalkyl, heterocycloalkyl, wherein said cycloalkyl, heterocycloalkyl, aryl or heteroaryl groups may be fused with 1-2 further cycloalkyl, heterocycloalkyl, aryl or heteroaryl group, an acyl moiety, C_1 - C_6 -alkyl aryl, C_1 - C_6 -alkyl heteroaryl, C_1 - C_6 -alkenyl aryl, C_1 - C_6 -alkenyl heteroaryl, C_1 - C_6 -alkynyl aryl, C_1 - C_6 -alkynyl heteroaryl, C_1 - C_6 -alkyl cycloalkyl, C_1 - C_6 -alkyl heterocycloalkyl, C_1 - C_6 -alkenyl cycloalkyl, C_1 - C_6 -alkenyl heterocycloalkyl, C_1 - C_6 -alkynyl cycloalkyl, C_1 - C_6 -alkynyl heterocycloalkyl, alkoxycarbonyl, aminocarbonyl, C_1 - C_6 -alkyl carboxy, C_1 - C_6 -alkyl acyl, aryl acyl, heteroaryl acyl, C_3 - C_8 -(hetero)cycloalkyl acyl, C_1 - C_6 -alkyl acyloxy, C_1 - C_6 -alkyl alkoxy, C_1 - C_6 -alkyl alkoxycarbonyl, C_1 - C_6 -alkyl aminocarbonyl, C_1 - C_6 -alkyl acylamino, acylamino, C_1 - C_6 -alkyl ureido, C_1 - C_6 -alkyl carbamate, C_1 - C_6 -alkyl amino, C_1 - C_6 -alkyl ammonium, C_1 - C_6 -alkyl sulfonyloxy, C_1 - C_6 -alkyl sulfonyl, C_1 - C_6 -alkyl sulfinyl, C_1 - C_6 -alkyl sulfanyl, C_1 - C_6 -alkyl sulfonylamino, C_1 - C_6 -alkyl aminosulfonyl, hydroxy or halogen,

with the proviso that the following compounds are excluded :





2. Azole derivatives according to claim 1 wherein A is a pyrimidinyl group.
3. Azole derivatives according to claim 1 or 2 wherein R⁰ is hydrogen.
4. Azole derivatives according to any of claims 1 to 3 wherein X is S.
5. Azole derivatives according to any of claims 1 to 4 wherein R² is -NHR⁴, with R⁴ being a straight or branched C₁-C₆ alkyl which may be substituted by C₃-C₈-cycloalkyl, heterocycloalkyl, aryl, heteroaryl, amino, alkoxy carbonyl, acylamino, diacylamino.
6. Azole derivatives according to claim 5 wherein R⁴ is a straight or branched C₂-C₄ alkyl group substituted with a heteroaryl or heterocycloalkyl group.
7. Azole derivatives according to claim 6 wherein said heteroaryl or heterocycloalkyl group is selected from a pyridyl, triazolyl or 2-pyrrolidinone.
8. Azole derivatives according to any of the preceding claims wherein R¹ is (C₃-C₈)-cycloalkyl, (C₃-C₈)-heterocycloalkyl, aryl or heteroaryl group which may be

substituted with at least one moiety selected from the group consisting of C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₁-C₆-alkoxy, C₁-C₆-sulfanyl, primary, secondary or tertiary amino groups, acylamino, aminocarbonyl, C₁-C₆ alkoxy carbonyl, C₃-C₈-cycloalkyl, C₃-C₈ heterocycloalkyl, aryl, heteroaryl, carboxy, cyano, halogen, hydroxy, nitro, sulfinyl, sulfonyl, sulfonamide or hydrazide.

9. Azole derivatives according to claim 8 wherein R¹ is a phenyl or phenyl which is substituted by straight or branched C₁-C₆ alkyl or halogen or R¹ is a straight or branched C₁-C₆ alkyl, including methyl, ethyl, propyl isopropyl, t-butyl.
10. Azole derivatives according to any of the preceding claims wherein R¹ is (C₃-C₈)-cycloalkyl, (C₃-C₈)-heterocycloalkyl, aryl or heteroaryl group which may be substituted with at least one moiety selected from the group consisting of C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₁-C₆-alkoxy, C₁-C₆-sulfanyl, primary, secondary or tertiary amino groups, aminoacyl, aminocarbonyl, C₁-C₆ alkoxy carbonyl, C₃-C₈-cycloalkyl, C₃-C₈ heterocycloalkyl, aryl, heteroaryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfinyl, sulfonyl, sulfonamide or hydrazide, X is as above defined, A is a pyrimidinyl group which may be substituted by halogen or -NHR⁴ with R⁴ being a straight or branched C₁-C₆ alkyl in which said alkyl is substituted with C₃-C₈-cycloalkyl, heterocycloalkyl, aryl or heteroaryl straight or branched C₁-C₆ alkyl group substituted with a heteroaryl group and R⁰ is hydrogen.
11. Azole derivatives according to claim 10 wherein R¹ is a phenyl group which may be substituted with straight or branched C₁-C₆ alkyl or halogen, X is S, A is a pyrimidinyl group which may be substituted by -NHR⁴ with R⁴ being a straight or branched C₂-C₄ alkyl in which said alkyl is substituted with a pyridyl group and R⁰ is hydrogen.
12. An azole derivative according to any of the preceding claims selected in the group consisting of:
(2-chloropyrimidin-4-yl)-(4-ethyl-3H-thiazol-2ylidene)-acetonitrile

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-chloropyrimidin-4-yl)acetonitrile
(2-chloropyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
(2-chloropyrimidin-4-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
(2-chloropyrimidin-4-yl)[4-(4-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile
ethyl-2-[(2-chloropyrimidin-4-yl)(cyano)methylene]-2,3-dihydro-1,3-thiazole-4-
carboxylate
methyl-2-[(2-chloropyrimidin-4-yl)(cyano)methylene]-2,3-dihydro-1,3-thiazole-4-
carboxylate
(2-chloropyrimidin-4-yl)[4-(3-methoxyphenyl)-1,3-thiazol-2-yl]acetonitrile
(2-chloropyrimidin-4-yl)[4-(2-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile
(2-chloropyrimidin-4-yl)[4-(4-fluorophenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile
(2-chloro-5-methylpyrimidin-4-yl)(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
(2-chloropyrimidin-4-yl)[4-(3,4-dichlorophenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile
(2-chloropyrimidin-4-yl)[4-(4-methylphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile
(4-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-2-yl)(4-phenyl-1,3-thiazol-
2(3H)-ylidene)acetonitrile
4-{2-[(2-chloropyrimidin-4-yl)(cyano)methylene]-2,3-dihydro-1,3-thiazol-4-
yl}benzonitrile
[4-(2-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-chloropyrimidin-4-yl)acetonitrile
[4-(3-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-chloropyrimidin-4-yl)acetonitrile
(2-chloropyrimidin-4-yl)[4-(4-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile
(2-chloropyrimidin-4-yl)[4-(pentafluoroethyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile
(2-chloro-5-methylpyrimidin-4-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(2-chloro-5-methylpyrimidin-4-yl)acetonitrile
(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(2-chloropyrimidin-4-yl)acetonitrile
(2-chloropyrimidin-4-yl)(4-isopropyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
(2-chloro-5-methylpyrimidin-4-yl)[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-
ylidene]acetonitrile

(4-chloro-6-morpholin-4-yl-1,3,5-triazin-2-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[4-chloro-6-(dimethylamino)-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[4-chloro-6-(methylamino)-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(2-chloro-6-methylpyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(2-chloro-5-methylpyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(6-chloropyrimidin-4-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[4-chloro-6-(methylamino)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(2-chloro-6-methylpyrimidin-4-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-chloro-6-[methyl(phenyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(4-chloro-6-morpholin-4-yl-1,3,5-triazin-2-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(4-ethyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

(4-phenyl-1,3-thiazol-2(3H)-ylidene){2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

{2-[(3-aminopropyl)amino]pyrimidin-4-yl}(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(2-{[2-(6-aminopyridin-3-yl)ethyl]amino}pyrimidin-4-yl)(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(3-aminopropyl)amino]pyrimidin-4-yl}(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(3-aminopropyl)amino]pyrimidin-4-yl}(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

ethyl-2-[cyano(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)methylene]-2,3-dihydro-1,3-thiazole-4-carboxylate

(4-methyl-1,3-thiazol-2(3H)-ylidene){2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

4-(4-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

2-[cyano(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)methylene]-2,3-dihydro-1,3-thiazole-4-carboxylic acid

methyl-2-[cyano(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)methylene]-2,3-dihydro-1,3-thiazole-4-carboxylate

methyl-2-(cyano{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}methylene)-2,3-dihydro-1,3-thiazole-4-carboxylate

[2-(cyclopropylamino)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

4-[2-({4-[cyano(4-methyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl}amino)ethyl]benzenesulfonamide

[4-(pentafluoroethyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

[2-(cyclopropylamino)pyrimidin-4-yl][4-(pentafluoroethyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile

(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(4-ethyl-1,3-thiazol-2(3H)-ylidene){2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

[4-(3-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

[4-(3-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile

methyl 4-[2-(*{*4-[cyano(4-ethyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl*}* amino)ethyl]benzoate
6-{[2-(*{*4-[cyano(4-ethyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl*}* amino)ethyl]amino}nicotinonitrile
[2-(*{*2-[6-(dimethylamino)pyridin-3-yl]ethyl*}* amino)pyrimidin-4-yl](4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
4-[2-(*{*4-[cyano(4-ethyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl*}* amino)ethyl]benzenesulfonamide
(2-{[2-(4-aminophenyl)ethyl]amino}pyrimidin-4-yl)(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
(4-ethyl-1,3-thiazol-2(3H)-ylidene)(2-{[2-(6-morpholin-4-ylpyridin-3-yl)ethyl]amino}pyrimidin-4-yl)acetonitrile
(4-ethyl-1,3-thiazol-2(3H)-ylidene)[2-(*{*2-[6-(4-methylpiperazin-1-yl)pyridin-3-yl]ethyl*}* amino)pyrimidin-4-yl]acetonitrile
[2-(cyclopropylamino)pyrimidin-4-yl](4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[4-(2-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]{2-[*{*(2-pyridin-3-ylethyl)amino*}*]pyrimidin-4-yl}acetonitrile
[4-(2-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile
[4-(4-fluorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[*{*(2-pyridin-3-ylethyl)amino*}*]pyrimidin-4-yl}acetonitrile
[4-(4-fluorophenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile
(4-ethyl-1,3-thiazol-2(3H)-ylidene){5-methyl-2-[*{*(2-pyridin-3-ylethyl)amino*}*]pyrimidin-4-yl}acetonitrile
(4-ethyl-1,3-thiazol-2(3H)-ylidene)(5-methyl-2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile
[2-(cyclopropylamino)-5-methylpyrimidin-4-yl](4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(4-ethyl-1,3-thiazol-2(3H)-ylidene){2-[(3-pyrrolidin-1-ylpropyl)amino]pyrimidin-4-yl}acetonitrile

[2-(2-[(5-nitropyridin-2-yl)amino]ethyl)amino]pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

6-{{2-[(4-[cyano(4-phenyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl)amino]ethyl}amino}nicotinonitrile

tert-butyl 4-({4-[cyano(4-phenyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl}amino)butanoate

[4-(4-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile

(4-methyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene){2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)[2-(cyclohexylamino)pyrimidin-4-yl]acetonitrile

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)[2-(cyclopropylamino)pyrimidin-4-yl]acetonitrile

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene][2-(cyclopropylamino)pyrimidin-4-yl]acetonitrile

[4-(3,4-dichlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile

[4-(3,4-dichlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

[2-(cyclopropylamino)pyrimidin-4-yl][4-(3,4-dichlorophenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile

[4-(4-methylphenyl)-1,3-thiazol-2(3H)-ylidene](2-{{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl})acetonitrile

[4-(4-methylphenyl)-1,3-thiazol-2(3H)-ylidene}{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

[2-(cyclopropylamino)pyrimidin-4-yl][4-(4-methylphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile

{2-[(3-aminopropyl)amino]pyrimidin-4-yl}(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(2-aminoethyl)amino]pyrimidin-4-yl}(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(piperidin-4-yl)amino]pyrimidin-4-yl}(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

methyl N-{4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}-beta-alaninate

(2-{{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl}[4-(pentafluoroethyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile

{5-methyl-2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(5-methyl-2-{{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[2-(cyclopropylamino)-5-methylpyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene){5-methyl-2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(5-methyl-2-{{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl})acetonitrile

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)[2-(cyclopropylamino)-5-methylpyrimidin-4-yl]acetonitrile

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(5-methyl-2-{{[3-(1H-1,2,4-triazol-1-yl)propyl]amino}pyrimidin-4-yl})acetonitrile

N-[3-({4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}amino)propyl]-2-ethoxy-N-glycoloylacetamide

N-[3-({4-[cyano(4-isopropyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl}amino)propyl]-2-ethoxy-N-glycoloylacetamide

[2-(cyclohexylamino)pyrimidin-4-yl](4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[2-(cyclopentylamino)pyrimidin-4-yl](4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(4-ethyl-1,3-thiazol-2(3H)-ylidene)[2-(isobutylamino)pyrimidin-4-yl]acetonitrile

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(2-{{[3-(1H-1,2,4-triazol-1-yl)propyl]amino}pyrimidin-4-yl})acetonitrile

(4-isopropyl-1,3-thiazol-2(3H)-ylidene)(2-{{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl})acetonitrile

(4-isopropyl-1,3-thiazol-2(3H)-ylidene){2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile

[2-(cyclopropylamino)pyrimidin-4-yl](4-isopropyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

methyl 4-({4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}amino)butanoate

4-{2-[cyano(2-{{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl})methylene]-2,3-dihydro-1,3-thiazol-4-yl}benzonitrile

4-[2-(cyano{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl})methylene]-2,3-dihydro-1,3-thiazol-4-yl]benzonitrile

4-(2-{cyano[2-(cyclopropylamino)pyrimidin-4-yl]methylene}-2,3-dihydro-1,3-thiazol-4-yl)benzonitrile

[4-(2-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-{{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl})acetonitrile

[4-(3-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-{{3-(2-oxopyrrolidin-1-yl)propyl}amino}pyrimidin-4-yl)acetonitrile
[4-(3-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile
[4-(2-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile
[2-(cyclopropylamino)pyrimidin-4-yl][4-(4-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile
[4-(2-chlorophenyl)-1,3-thiazol-2(3H)-ylidene][2-(cyclopropylamino)pyrimidin-4-yl]acetonitrile
N-[3-{{4-[cyano(4-ethyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl}amino}propyl]acetamide
N-[2-{{4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}amino}ethyl]acetamide
{2-[(1-acetyl piperidin-4-yl)amino]pyrimidin-4-yl}(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(2-{{3-(2,5-dioxopyrrolidin-1-yl)propyl}amino}pyrimidin-4-yl)acetonitrile
(2-{{3-(2,5-dioxopyrrolidin-1-yl)propyl}amino}pyrimidin-4-yl)(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
(4-ethyl-1,3-thiazol-2(3H)-ylidene)(2-{{1-(methylsulfonyl)piperidin-4-yl}amino}pyrimidin-4-yl)acetonitrile trifluoroacetate
N~3~-{4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}-
N~1~,N~1~-dimethyl-beta-alaninamide
N-{{3-{{4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}{(methyl)amino}propyl}acetamide
N-[3-{{4-[(4-tert-butyl-3-methyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}amino}propyl]acetamide

(4-ethyl-1,3-thiazol-2(3H)-ylidene)(2-{{[4-(morpholin-4-ylmethyl)benzyl]oxy}pyrimidin-4-yl})acetonitrile
{2-[3-(dimethylamino)propoxy]pyrimidin-4-yl}(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{5-methyl-2-[(3-pyrrolidin-1-ylpropyl)amino]pyrimidin-4-yl}acetonitrile
[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(3-pyrrolidin-1-ylpropyl)amino]pyrimidin-4-yl}acetonitrile
[4-(dimethylamino)-6-(octahydroquinolin-1(2H)-yl)-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[2-(cyclohexylamino)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[2-(cyclohexylamino)pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[4-(methylamino)-6-(4-methylpiperidin-1-yl)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[4-(cyclohexylamino)-6-(methylamino)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[5-methyl-2-(4-methylpiperidin-1-yl)pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[2-(cyclopropylamino)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[2-(cyclopropylamino)pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[2-(cyclopentylamino)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
{5-methyl-2-[(1-methylbutyl)amino]pyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
[2-(cyclopentylamino)pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile
{5-methyl-2-[(3-pyrrolidin-1-ylpropyl)amino]pyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(1-methylbutyl)amino]pyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{6-[(2-furylmethyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[6-(4-ethylpiperazin-1-yl)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(4-phenyl-1,3-thiazol-2(3H)-ylidene){2-[(3-pyrrolidin-1-ylpropyl)amino]pyrimidin-4-yl}acetonitrile

[2-(cyclopentylamino)-6-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[4-(4-ethylpiperazin-1-yl)-6-morpholin-4-yl-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(cyclohexylmethyl)amino]pyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(cyclohexylmethyl)amino]-5-methylpyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[2-(4-ethylpiperazin-1-yl)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[4-(cyclopentylamino)-6-(methylamino)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[4-(cyclopropylamino)-6-morpholin-4-yl-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[4-(cyclopropylamino)-6-(methylamino)-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[4-(cyclopropylamino)-6-(methylamino)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[2-(1,4-dioxa-8-azaspiro[4.5]dec-8-yl)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(5-methyl-2-{[3-(1H-1,2,4-triazol-1-yl)propyl]amino}pyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(1,4-dimethylpentyl)amino]-5-methylpyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(5-methyl-2-{[2-(1H-pyrazol-1-yl)ethyl]amino}pyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(4-phenyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(1H-1,2,4-triazol-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile

(4-phenyl-1,3-thiazol-2(3H)-ylidene)(2-{[2-(1H-pyrazol-1-yl)ethyl]amino}pyrimidin-4-yl)acetonitrile

[2-(dipropylamino)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(1,4-dimethylpentyl)amino]pyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[2-(methylamino)pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[4-[(1,4-dimethylpentyl)amino]-6-(methylamino)-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[4-{{[(6-aminopyridin-3-yl)methyl]amino}-6-(methylamino)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[2-(methylamino)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[2-(cyclopentylamino)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[2-(cyclohexylamino)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(1-methylbutyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[2-(cyclopentylamino)-6-methylpyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(cyclohexylmethyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{6-[methyl(phenyl)amino]-2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(2,3-dimethylcyclohexyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(4-methyl-1,3-thiazol-2(3H)-ylidene){2-[(pyridin-3-ylmethyl)amino]pyrimidin-4-yl}acetonitrile

{6-methyl-2-[(2-pyridin-2-ylethyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

[2-(isopropylamino)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(1,2-dimethylpropyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

(4-methyl-1,3-thiazol-2(3H)-ylidene){2-[4-(pyrimidin-2-ylamino)piperidin-1-yl]pyrimidin-4-yl}acetonitrile

{2-[(1-ethylpropyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(3-butoxypropyl)amino]-6-[methyl(phenyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{4-[(3-butoxypropyl)amino]-6-morpholin-4-yl-1,3,5-triazin-2-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-(isopropylamino)-6-[methyl(phenyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

{2-[(3-isopropoxypropyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile

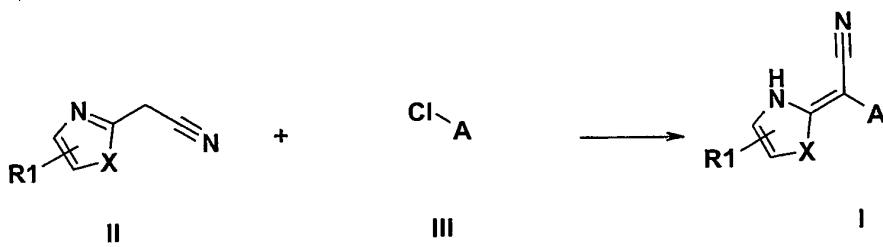
[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene][2-(cyclopropylamino)pyrimidin-4-yl]acetonitrile

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene][2-(cyclopentylamino)pyrimidin-4-yl]acetonitrile

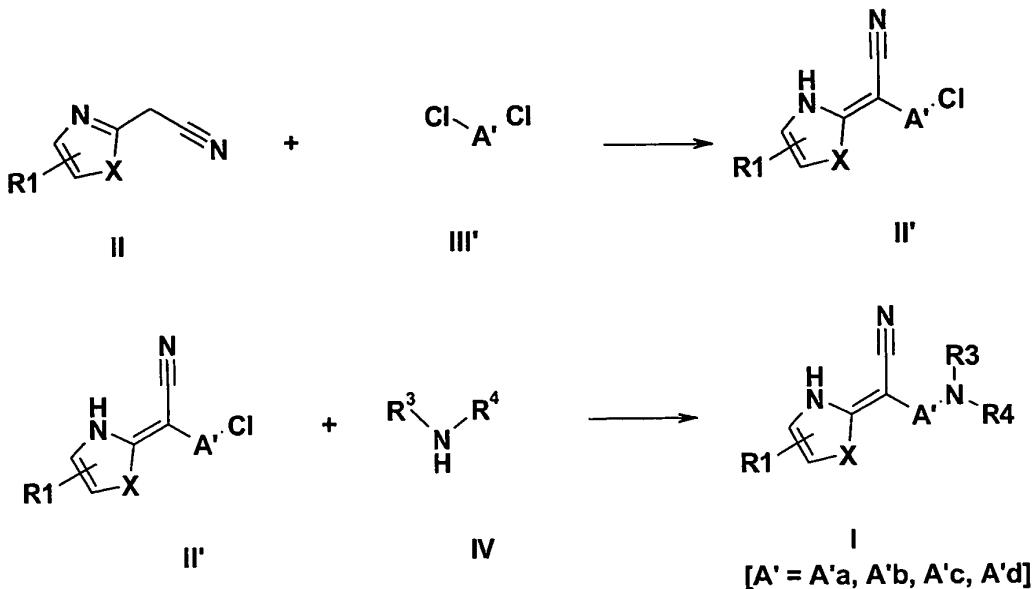
[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(cyclohexylmethyl)amino]-5-yl}acetonitrile

13. An azole derivative according to any of claims 1 to 12 for use as a medicament.
14. Use of an azole derivative according to any of claims 1 to 12 in the preparation of a medicament for the prevention and/or treatment of neurodegenerative diseases, neuronal disorders including epilepsy, Alzheimer's disease, Parkinson's disease, retinal diseases, spinal cord injury, head trauma, mood disorders, particularly bipolar mood disorders, multiple sclerosis or amyotrophic lateral sclerosis, diabetes, particularly type II diabetes and obesity, asthma, septic shock, transplant rejection, cerebrovascular accident, glaucoma, cardiovascular diseases including stroke, arteriosclerosis, myocardial infarction, myocardial reperfusion injury, ischemic disorders, cancer and inflammatory diseases including arteriosclerosis, arthritis, Inflammatory Bowel Disease or rheumatoid arthritis.
15. Use of an azole derivative according to claim 14 wherein said diseases are selected from the group consisting of epilepsy, Alzheimer's disease, Parkinson's disease, retinal diseases, spinal cord injury, head trauma, multiple sclerosis or amyotrophic lateral sclerosis.
16. Use of an azole derivative according to claim 14 wherein said diseases are diabetes, particularly type II diabetes and/or obesity.
17. Use of a compound according to claim 14 wherein said diseases are selected from the group consisting of asthma, septic shock, transplant rejection, cerebrovascular accident, glaucoma, cardiovascular diseases including stroke, arteriosclerosis, myocardial infarction, myocardial reperfusion injury, ischemia, cancer and inflammatory diseases including atherosclerosis, arthritis, Inflammatory Bowel Disease or rheumatoid arthritis.

18. An azole derivative according to any of claims 1 to 12 in the preparation of a medicament for the prevention and/or treatment of a disease which is mediated by a protein kinase
19. An azole derivative according to claim 18 wherein said protein kinase is a c-Jun Kinase.
20. Use according to claim 18 wherein said protein kinase is a Glycogen Synthase Kinase 3.
21. A method for the treatment of disease states mediated by protein kinase comprising the administration to the patient of a pharmaceutically active amount of an azole derivative according to any of the claims 1 to 12.
22. A pharmaceutical composition containing at least one azole derivative according to any of the claims 1 to 12 and a pharmaceutically acceptable carrier, diluent or excipient thereof.
23. A method of preparing an azole derivative of formula (I) according to any of the claims 1 to 12, comprising the following step:

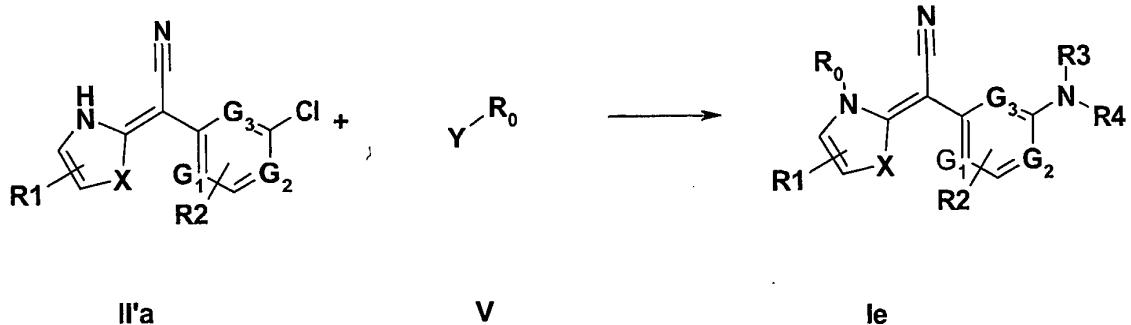


24. A method of preparing an azole derivative of formula (I) according to any of the claims 1 to 12, comprising the following steps:



wherein A is a pyrimidinyl group and X and R¹ are as above defined.

25. A method of preparing an azole derivative of formula (I) according to any of the claims 1 to 12, comprising the following step:



wherein A is a pyrimidinyl group, R⁰, X, R¹ and R² are as above defined and Y is an electrophile group.